

#9/Recons
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5/28/03

RESPONSE UNDER 37 C.F.R. §1.116
-EXPEDITED PROCEDURE-
EXAMINING GROUP ART UNIT 2623

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of
MI-SUEN LEE
5 Serial No. 09/449,250
Filed: November 24, 1999
Title: METHOD & APPARATUS FOR DETECTING MOVING OBJECTS IN VIDEO
CONFERENCING AND OTHER APPLICATIONS
10 Commissioner for Patents
Washington, D.C. 20231

Atty. Docket PHA 23-859
Group Art Unit: 2623
Examiner: Chong R. Kim

RESPONSE TO OFFICE ACTION

15 Sir:

In response to the Office Action of April 2, 2003,
Applicants submit the following remarks.

20

REMARKS

The present application was filed on November 24, 1999
with claims 1-20. Claims 1 through 20 are presently pending in
the above-identified patent application.

The present invention is directed to a method and
apparatus for detection of persons or other objects of interest
in a video signal or other type of image signal. In accordance
with an illustrative embodiment of the invention, a processing
system generates, e.g., a threshold difference image by
processing an image signal received from a camera. The
difference image is then segmented into regions bounded by lines,
such as vertical lines, passing through the image, and silhouette
candidates are identified in one or more of the regions. Tensor
voting is used to determine saliency values and corresponding

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Title: METHOD AND APPARATUS FOR DETECTING MOVING OBJECTS
IN VIDEO CONFERENCING AND OTHER APPLICATIONS

10 Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Arlington, VA 22313-1450

RESPONSE TRANSMITTAL

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SIR:

Submitted herewith is a Response to an Office Action dated April 2, 2003 relating to the above-identified patent application. There is no additional fee due in conjunction with
20 the Amendment.

In the event of any non-payment or improper payment of a required fee, the Commissioner is hereby authorized to charge or to credit Ryan, Mason & Lewis, LLP Deposit Account No. 50-0762 as required to correct the error.

25

Respectfully submitted,

By Kevin M. Mason

Kevin M. Mason
Attorney for Applicant
30 (203) 255-6560
May 21, 2003

CERTIFICATE OF FACSIMILE TRANSMISSION

35 It is hereby certified that this correspondence is being transmitted via facsimile to Examiner Chong R. Kim of the U.S. Patent and Trademark Office at 703-872-9314 on the date indicated below.

On May 21, 2003

40

By Kevin M. Mason

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DATE: May 21, 2003**FILE:** 09/449,250 (1100-26)Facsimile Message From: **KEVIN M. MASON**

Please deliver the following pages to:

NAME	COMPANY	FAX NUMBER
Chong R. Kim	USPTO	703-872-9314

NUMBER OF PAGES INCLUDING THIS COVER PAGE: 7**COMMENTS/INSTRUCTIONS:**

Please see attached.

If you do not receive all of the pages, please call us back as soon as possible at (203) 255-6560.

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